Maryland Historical Trust

Maryland Inventory of Historic Properties number: CE-1474

Name: CE-98 Beaver Rd over BR0RE

The bridge referenced herein was inventoried by the Maryland State Highway Administration as part of the Historic Bridge Inventory, and SHA provided the Trust with eligibility determinations in February 2001. The Trust accepted the Historic Bridge Inventory on April 3, 2001. The bridge received the following determination of eligibility.

MARYLAND HISTORICAL TRUST

Eligibility Recommended ___X____ Eligibility Not Recommended _____

Criteria: ____A ____B ___X_C ____D Considerations: ___A ___B ___C ___D ___E ___F ___G __None

Comments: _____

_____

_____

Reviewer, OPS: _Anne E. Bruder_____ Date: __3 April 2001____

Reviewer, NR Program: __Peter E. Kurtze_____ Date: __3 April 2001____

Maryland Inventory of Historic Properties
Historic Bridge Inventory
Maryland State Highway Administration
Maryland Historical Trust

MHT Number CE-1474

Name and SHA No. CE 98 over B&O RR

Location:
Street/Road Name and Number: Deaver Road over B&O RR

City/Town: North East Vicinity X

County: Cecil

Ownership: __State_X_County__Municipal__Other

This bridge projects over: __Road_X_Railway__Water__Land

Is the bridge located within a designated district:__yes_X_no

__NR listed district__NR determined eligible district
__locally designated__other
Name of District_____

Bridge Type:

__Timber Bridge
__Beam Bridge__Truss-Covered__Trestle
__Timber-and-Concrete

__Stone Arch

__Metal Truss

__Movable Bridge
__Swing __Bascule Single Leaf__Bascule Multiple Leaf
__Vertical Lift__Retractile__Pontoon

_X_Metal Girder
_X_Rolled Girder __Rolled Girder Concrete Encased
__Plate Girder __Plate Girder Concrete Encased

__Metal Suspension

__Metal Arch

__Metal Cantilever

__Concrete
__Concrete Arch __Concrete Slab__Concrete Beam
__Rigid Frame
__Other Type Name_____

Description:

Describe Setting:

Bridge CE 98 is located .7 miles south of I-95, and carries Deaver Road north-south over two sets of B & O railroad tracks in Cecil County, Maryland. Both approaches to the bridge are straight and ascend towards the bridge. The surrounding area appears rural, possibly farmland.

Describe Superstructure and Substructure:

Bridge CE 98 is a 3 span simply supported steel stinger bridge with a timber deck, built in 1940 (est.). It is 128.3' long and has a curb-to-curb width of 18'. The structure is supported on two reinforced concrete abutments and two concrete piers. The bridge still retains its timber deck, however, it has been paved with a asphalt overlay. Safety barriers for the bridge include timber railings and curbs.

The abutments and wingwalls are in fair condition. The bridge exhibits some signs of deterioration including cracking, spalling, and honeycombing, loss to the concrete corners, and exposed rebar. The concrete hammerhead piers are in fair condition with some cracking and scaling.

Discuss Major Alterations:

The bases of the concrete piers may be concrete encased masonry.

History:
When Built: 1940 (estimated)
Why Built: Local transportation needs
Who Built: Unknown
Why Altered: Unknown
Was this bridge built as part of an organized bridge building campaign: Yes.

Surveyor Analysis:
This bridge may have NR significance for association with:
__A Events __Person
_X_C Engineering/Architectural

CE- 1474

Was this bridge constructed in response to significant events in Maryland or local history:

This bridge was built as part of the program designed to eliminate at-grade railroad crossings. This railroad was built some time between 1877 and 1900. In 1877 there were more structures in the general location of the bridge than there were in the early 20th century after the railroad had come through. This may represent some displacement of the local population.

When the bridge was built and/or given a major alteration, did it have a significant impact on the growth and development of the area?

The construction of this bridge probably did not have a significant impact upon the growth and development of this area. Today, there are no structures shown in the immediate vicinity of the bridge. This seems to be part of an older geographic trend of population displacement, dating back before the construction of the railroad.

Is the bridge located in an area which may be eligible for historic designation and would the bridge add to or detract from historic and visual character of the possible district?

No, this bridge is not located in an area which may be eligible for historic designation.

Is the bridge a significant example of its type?

This bridge may be a significant example of its type.

Does the bridge retain integrity of the important elements described in the Context Addendum?

This bridge appears to retain integrity of the important primary character defining elements described in the Context Addendum.

Should this bridge be given further study before significance analysis is made and Why?

Further study of this bridge is unnecessary. This bridge appears to be eligible for inclusion on the National Register of Historic Places.

Bibliography:

Cecil County Department of Public Works
v.d. County bridge inspection files.
Greiner, Inc.
1995 Maryland Inventory of Historic Bridges.
Lake, Griffing, & Stevenson
1877 Illustrated Atlas of Cecil County, Maryland.
Spero, P.A.C. & Company, and Louis Berger & Associates

CE-1474

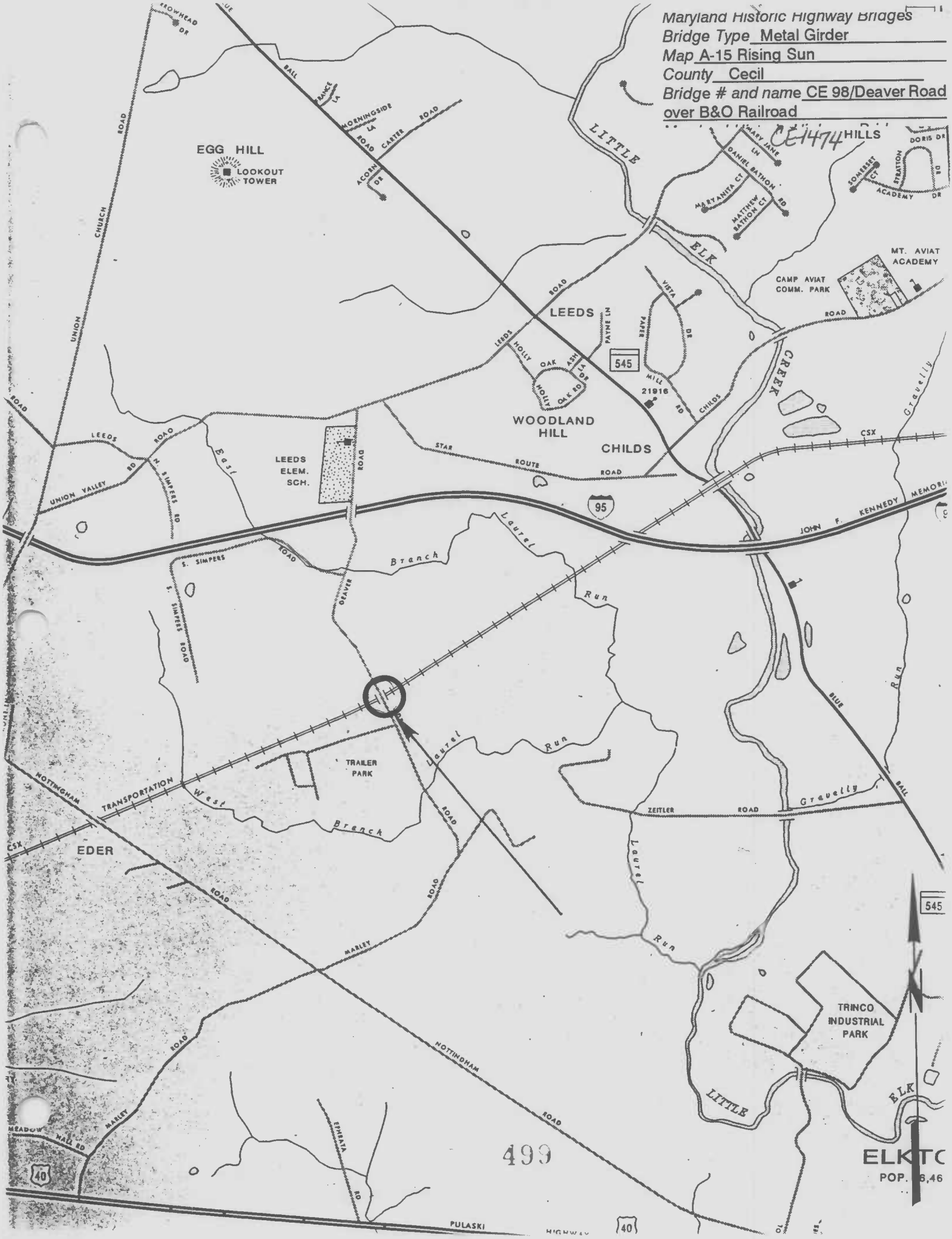
1994 "Historic Bridges in Maryland: Historic Bridge Context." United States Geological Survey

1953 7.5' Bay View Quadrangle, Photorevised 1970. United States Geological Survey

1900 15' Elkton Quadrangle

Surveyor:

Name: Jason D. Moser **Date:** September 1995
Organization: State Highway Admin. **Telephone:** (410) 321-2213
Address: 2323 West Joppa Road Brooklandville, MD 21022


Maryland Historic Highway Bridges
Bridge Type Metal Girder
Map A-15 Rising Sun
County Cecil
Bridge # and name CE 98/Deaver Road over B&O Railroad
CE-1474
EGG HILL
LOOKOUT TOWER
LEEDS
WOODLAND HILL
CHILDS
LEEDS ELEM. SCH.
MT. AVIAT ACADEMY
CAMP AVIAT COMM. PARK
HILLS
TRAILER PARK
EDER
TRINCO INDUSTRIAL PARK
ELKTC
POP. 6,46
Laurel Branch
Laurel Run
West Branch
Little Elk Creek
Gravelly Run
Blue Ball Run
CSX
John F. Kennedy Memorial
Pulaski Highway
Nottingham Road
Marley Road
Zeitler Road
Star Route Road
Union Church Road
Leeds Road
Union Valley Rd
N. Simpers Rd
S. Simpers Road
East Road
Beaver Road
Transportation Road
Meadow Hall Rd
Ephrata Rd
Acorn Dr
Morningside Ln
Ball Lance Ln
Carter Road
Mary Jane Ln
Daniel Bathon Rd
Margarita Ct
Matthew Bathon Ct
Somerset Ct
Stratton Dr
Academy Dr
Doris Dr
Vista Dr
Payne Ln
Holly Oak Rd
Ash Ln
Mill Rd
Childs Rd
Browhead Dr
95
545
40
499

CE-1474
CECIL COUNTY, MD
MATT HURLEY
FEB 17 1995
~~MARYLAND SHPO~~ SHA
BRIDGE NO CE 098
LOOKING EAST
1 OF 4

CE-1474
CECIL COUNTY, MD
MATT HURLEY
FEB 17 1995
~~MARYLAND SHPO~~ SHA
BRIDGE NO CE 198
LOOKING WEST
2 OF 4


RESTRIC
SING
26000
COMBINA
26000

CE-1474
CECIL COUNTY, MD
MATT HURLEY
FEB 17 1995
~~MARYLAND SHPO~~ SHA
BRIDGE NO CE 098
LOOKING SOUTH
3 OF 4

CE-1474

CECIL COUNTY, MD

MATT HURLEY

FEB 17 1995

~~MARYLAND SHPO~~ SHA

BRIDGE NO CE 098

LOOKING NORTH

4 OF 4